FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 243-495

28 DEC 2005

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5): 10/562268 unknown

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/JP2004/011403	3 August 2004	4 August 2003

TITLE OF INVENTION

ALKALI-FREE GLASS

APPLICANT(S) FOR DO/EO/US

KAWAGUCHI et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The U.S. has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2).
   a. ☒ is attached hereto (32 pages specification, claims & abstract (8 claims)).
   b. ☒ has been communicated by the International Bureau.
   c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)
   a. ☒ is attached hereto (32 pages specification, claims & abstract (8 claims)).
   b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)
   a. ☐ are attached hereto (required only if not communicated by the International Bureau).
   b. ☐ have been communicated by the International Bureau.
   c. ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
   d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3).
9. a. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4).
   b. ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5).

Items 11 To 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. a. ☒ A FIRST preliminary amendment.
    b. ☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ An Application Data Sheet under 37 C.F.R. § 1.76.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information.

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IAP20 Rec'd PCT/PTO 28 DEC 2005

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/562268 unknown	INTERNATIONAL APPLICATION NO. PCT/JP2004/011403	ATTORNEY'S DOCKET NUMBER 249-405

☒ The following fees are submitted:

BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):			
21. ☒ Basic national fee ..... $300.00 (1631)/$150.00 (2631)	$	300.00	
22. ☒ Examination Fee..... $0 (1643/2643) ..... $200.00 (1633)/$100.00 (2633)	$	200.00	
23. ☒ Search Fee ..... $0 (1640/2640) ..... $100 (1641)/$50 (2641) ..... $400 (1642)/$200 (2642) ..... $500.00 (1632)/$250.00 (2632)	$	400.00	
TOTAL OF ABOVE CALCULATIONS	$	900.00	

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is **$250** for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole number	RATE		
32 -100	0	/50 =	0.00	**$250.00** (1681) **$125.00** (2681)	$	

Surcharge of **$130.00** (1617)/**$65.00** (2617) for furnishing the oath or declaration later than ☐ 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e). $

CLAIMS	NUMBER FILED		# EXTRA	RATE			
Total Claims	8	minus 20 =	0 X	$50.00 (1615)/	$25.00 (2615)		$
Independent Claims	1	minus 3 =	0 X	$200.00 (1614)	$100.00 (2614)		$
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)				$360.00 (1616)/$180.00 (2616)			$ 0.00

Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension $120.00 (1251)/$60.00 (2251); Two Month Extensions $450.00 (1252)/$225.00 (2252);Three Month Extensions $1020.00 (1253/$510.00 (2253); Four Month Extensions $1590.00 (1254/$795.00 (2254) $ 0.00

☐ Applicant claims small entity status. See 37 CFR 1.27.

Processing fee of **$130.00** (1618), for furnishing the English Translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f). + 0.00

TOTAL NATIONAL FEE = $ **900.00**

Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). **$40.00** (8021) per property + $ 40.00

Fee for Petition to Revive Unintentionally Abandoned Application;**$1500.00** (1453) / **$750.00** (2453) $ 0.00

TOTAL FEES ENCLOSED = $ **940.00**

Amount to be: refunded: $

Amount to be Charged: $

a. ☐ A check in the amount of $940.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of $_____ to cover the above fees. A duplicate copy of this form is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.

d. ☐ **CREDIT CARD PAYMENT FORM ATTACHED.**

e. ☒ The entire content of International Application No. **PCT/JP2004/011403** and any U.S. and foreign application(s) corresponding thereto, and JP 2003-205812, referred to in this application is/are hereby incorporated by reference in this application.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.

CORRESPONDENCE ADDRESS

Direct all correspondence to:

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FOR

Arthur R. Crawford Reg # 30251
NAME

25,327 **December 28, 2005**
REGISTRATION NUMBER Date

1027118